

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,934,053 B1  
APPLICATION NO. : 09/487586  
DATED : August 23, 2005  
INVENTOR(S) : Lingappa K. Mestha and S. Dianat

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The Title Page, showing an illustrative figure, should be deleted and substitute therefor the attached title page.

Figure 1, change to the attached Figure 1;

Page 4, Figure 2, change to the attached Figure 2;

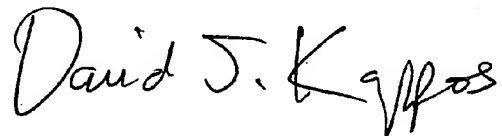
Page 5, Figure 3, change to the attached Figure 3;

Page 6, Figure 4, please delete.

This certificate supersedes the Certificate of Correction issued September 8, 2009.

Signed and Sealed this

Twenty-ninth Day of September, 2009

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and a stylized 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*

(12) **United States Patent**  
**Mestha et al.**

(10) **Patent No.:** **US 6,934,053 B1**  
**(45) Date of Patent:** **Aug. 23, 2005**

(54) **METHODS FOR PRODUCING DEVICE AND ILLUMINATION INDEPENDENT COLOR REPRODUCTION**

(75) **Inventors:** Lingappa K. Mestha, Fairport, NY (US); Sohail A. Dianat, Pittsford, NY (US)

(73) **Assignee:** Xerox Corporation, Stamford, CT (US)

(\*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) **Appl. No.:** 09/487,586

(22) **Filed:** Jan. 19, 2000

(51) **Int. Cl.<sup>7</sup>** ..... H04N 1/56; H04N 1/60

(52) **U.S. Cl.** ..... 358/1.9; 358/504; 358/523

(58) **Field of Search** ..... 358/1.9, 518, 504, 358/523, 501, 520, 521, 406, 530, 382/167, 312

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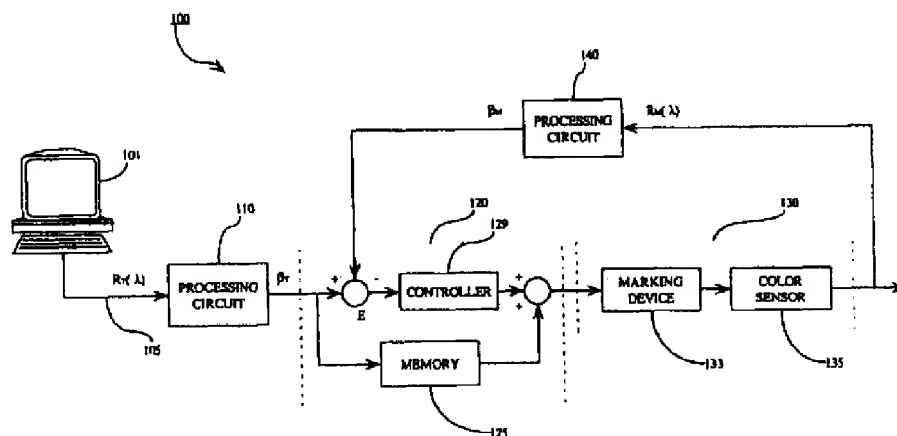
*Primary Examiner*—Scott A. Rogers

(74) *Attorney, Agent, or Firm*—Oliff & Berridge, PLC

(57) **ABSTRACT**

Spectrally matched color outputs are obtained using data from a real-time sensor, such as, for example, a spectrophotometer on the output trays of a marking devices to determine the output spectra of a reproduced image. The output spectra of the reproduced image is compared with an output spectra of a target spectra stored in a computer memory to produce a mapping table that will spectrally match all subsequently reproduced color images in real-time. Thus, output color spectra are matched between displays and prints, scans and prints, scans and displays, or copies and prints.

**28 Claims, 3 Drawing Sheets**



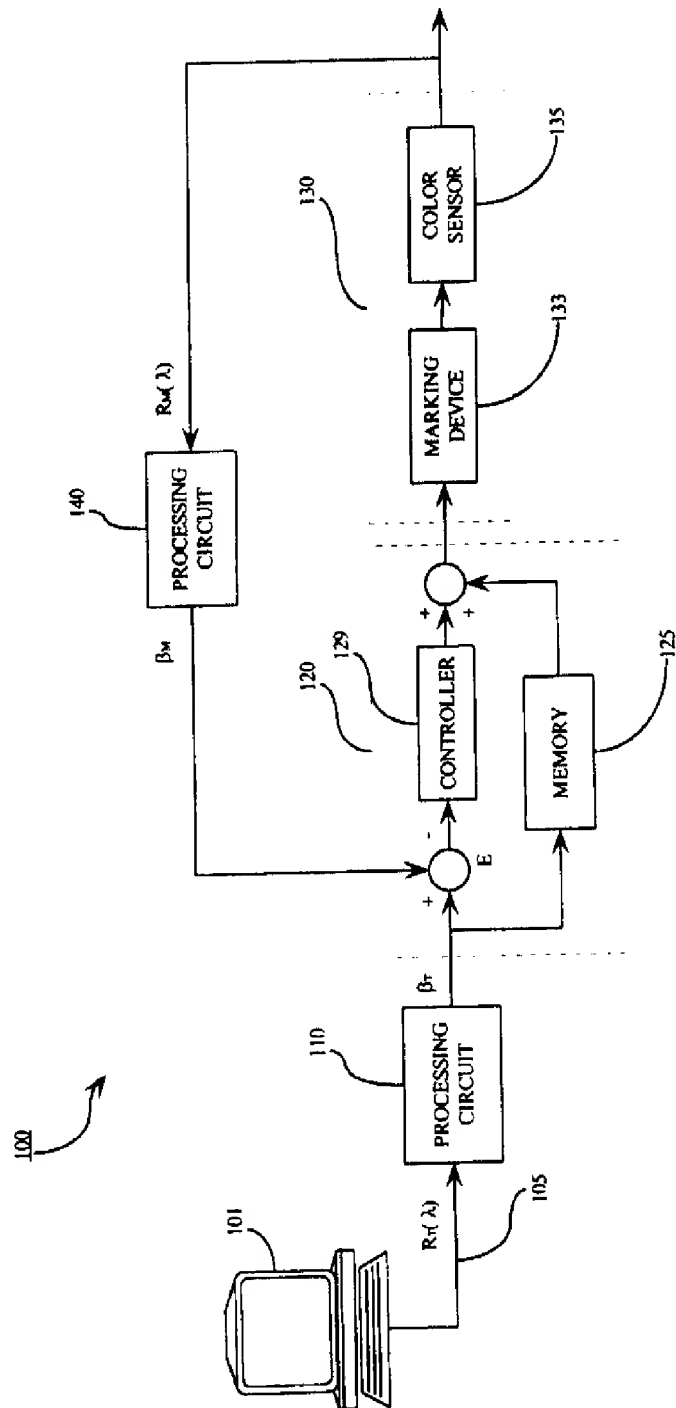
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FIG. 1



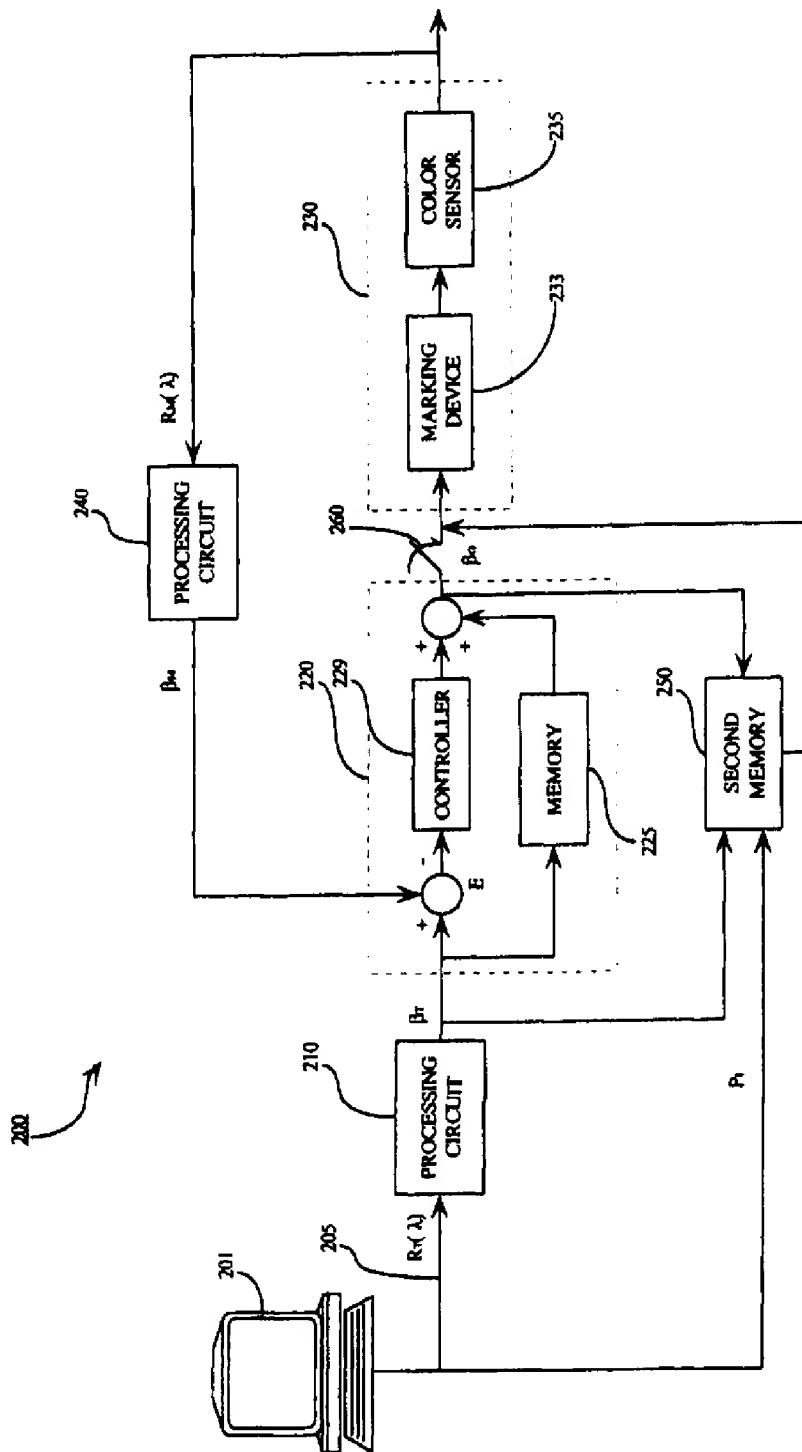
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FIG. 2



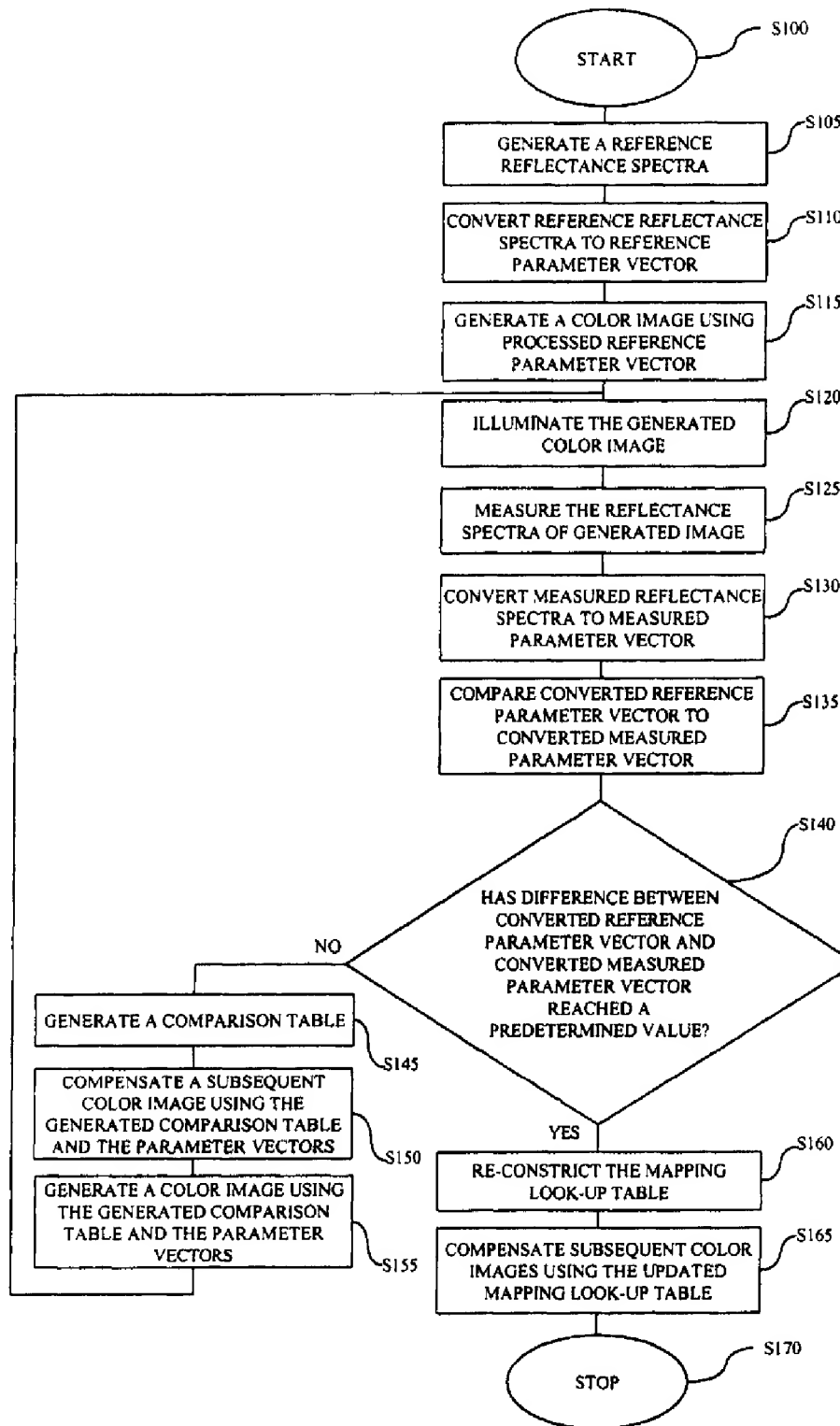


FIG. 3